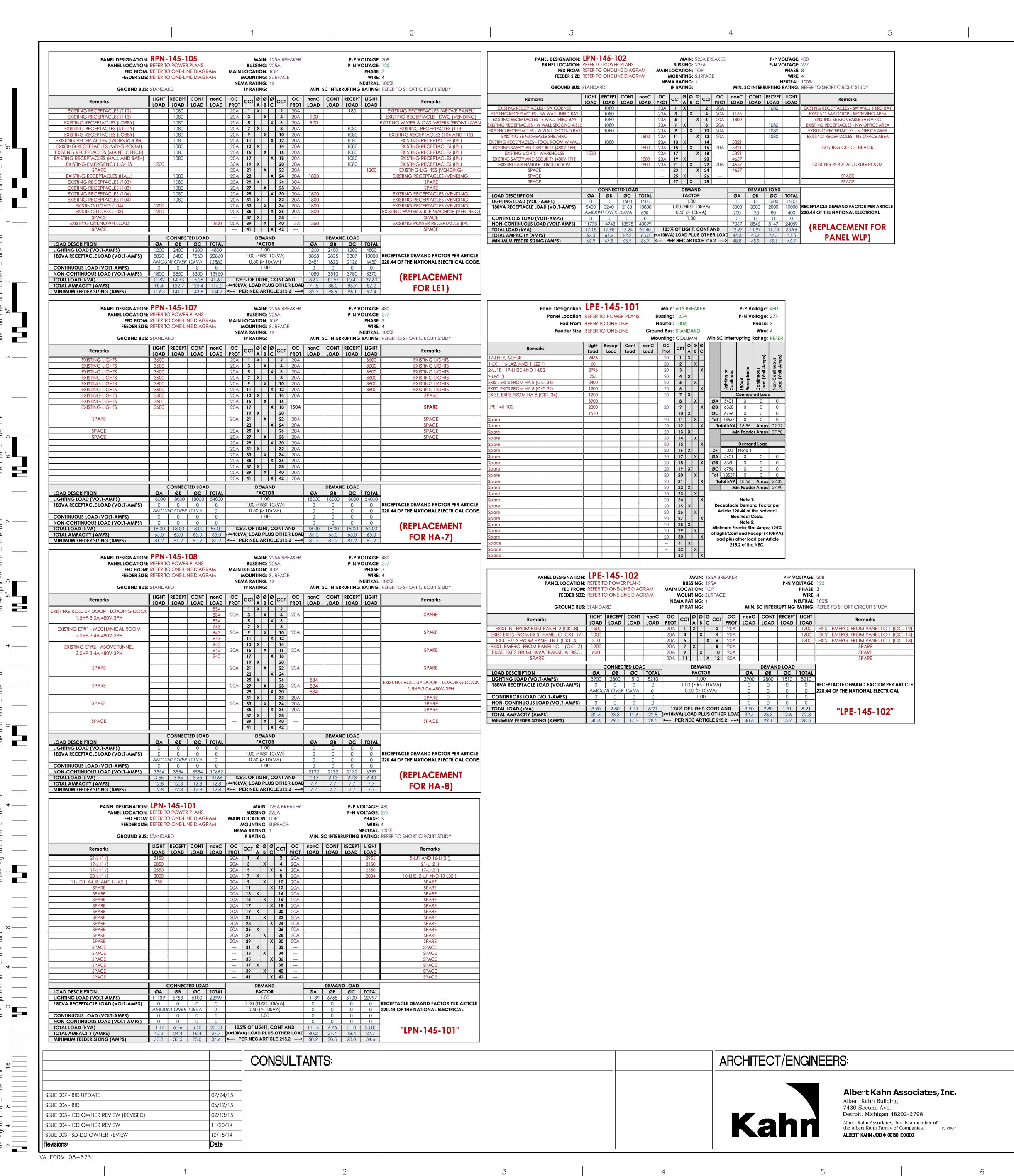


Swtichboard Designation:	MSBN-145-101 (FORMERLY MDP-145)  REFER TO POWER PLANS  MAIN TYPE: POWER BREAKER	/ 2500AT P-P VOLTAGE: 480 P-N VOLTAGE: 277	PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO	POWER PLANS BUSSING: 400A	P-P VOLTAGE: 480 P-N VOLTAGE: 277	PANEL DESIGNATION: RPN-145-101 PANEL LOCATION: REFER TO POWER PLANS	MAIN: 225A BREAKER P-P VOLTAGE: 28 BUSSING: 225A P-N VOLTAGE: 11	08 20	GENERAL NOTES  1. REFER TO SPECIFICATIONS FOR ADDITIONAL ELECTRICAL REQUIREMENTS.
Fed From: R	REFER TO ONE-LINE DIAGRAM REFER TO ONE-LINE DIAGRAM REFER TO ONE-LINE DIAGRAM REMA RATING: 1	PHASE: 3 WIRE: 4 NEUTRAL: 100%	FED FROM: REFER TO FEEDER SIZE: REFER TO	ONE-LINE DIAGRAM ONE-LINE DIAGRAM MOUNTING: SURFACE NEMA RATING: 12	PHASE: 3 Wire: 4 Neutral: 100%	FED FROM: REFER TO ONE-LINE DIAGRAM FEEDER SIZE: REFER TO ONE-LINE DIAGRAM	AIN LOCATION: TOP PHASE: 3  MOUNTING: SURFACE WIRE: 4  NEMA RATING: 12 NEUTRAL: 10	00%	<ol> <li>REFER TO ARCHITECTURAL INTERIOR ELEVATIONS AND REFLECTED CEILING PLANS FOR COORDINATION OF ELECTRICAL DEVICES.</li> <li>REFER TO CODE COMPLIANCE PLANS FOR FIRE BARRIERS, EGRESS PATHS AND</li> </ol>
GROUND BUS: S		MIN. SC INTERRUPTING RATING: REFER TO SHORT CIRCUIT STUDY  Switchboard Information	Remarks   LIGHT   LOAD	ECEPT CONT   nonC   OC   CCT   Ø   Ø   Ø   CCT   OC   nonC	I. SC INTERRUPTING RATING: REFER TO SHORT CIRCUIT STUDY  C CONT RECEPT LIGHT Remarks	Remarks LIGHT RECEPT CONT nonC OF LOAD LOAD LOAD LOAD PRO	IP RATING:  MIN. SC INTERRUPTING RATING: R  C CCT Ø Ø Ø CCT OC nonC CONT RECEPT LIGHT OT CCT A B C CCT PROT LOAD LOAD LOAD	EFER TO SHORT CIRCUIT STUDY  Remarks	TRAVEL DISTANCES ON SHEET GI002 THOUGH GI006.  4. REFER TO PHASING PLANS AND CONSTRUCTION ACCESS PLAN FOR
NO. DESCRIPTION	LIGHT RECEPT CONT NONC MECH PROCESS TOTAL INDIVIDUAL LOAD LOAD LOAD LOAD LOAD ON TOTAL LOAD LOAD LOAD LOAD LOAD LOAD LOAD LO	LOAD TOTAL DEVICE SWITCH TYPE SIZE SIZE  XXX 0.00 MC BRK SINGLE 100AF / 100AT	EXISTING WASHER/EXTRACTOR (10A)	8300   90A   1   X   2   90A   8300   5   X   6	8300   EXISTING WASHER/EXTRACTOR (10B)   8300		DA 1 X 2 20A 80 DA 3 X 4 20A 500 DA 5 X 6 20A 540	SF-1 (1/40HP-0.67A-120V-1PH) EXISTING IPL CONTROL PANEL EXISTING PLUGS - SCALES MENTOR	COORDINATION OF ELECTRICAL DEVICES, EQUIPMENT, TEMPORARY PARTITION LOCATIONS, DEMOLITION AND INSTALLATION TIMING OF WORK ON SHEET NOS. GC100 AND IN SPECIFICATIONS.
2 PPN-145-101 (HA-1) 3 PPN-145-102 (HA-2) 4 PPN-145-103 (HA-3)	0         0         212220         0         0         0         212220         0.00 KVA           0         0         114360         0         0         0         114360         0.00 KVA           0         0         222996         0         0         0         222996         0.00 KVA	XXX         0.00         MC BRK         SINGLE         400AF         / 400AT           XXX         0.00         MC BRK         SINGLE         225AF         / 225AT           XXX         0.00         MC BRK         SINGLE         400AF         / 400AT	EXISTING LINT COLLECTOR	6920	11072 EXISTING TRIPLE PUMP PACKAGE (38A) 11072	EXISTING AIR DRYER NO. 1         520         20           EXISTING COMPRESSOR NO. 1         520         20           EXISTING AIR DRYER NO. 1         520         20	0A 7 X 8 20A 0A 9 X 10 20A 0A 11 X 12 20A	SPARE SPARE SPARE	5. REFER TO ARCHITECTURAL SHEETS FOR RATED WALL LOCATIONS, FLOOR SAW CUTTING AND REPAIR INFORMATION.
5 PPN-145-104 (HA-4) 6 PPN-145-105 (HA-5) 7 PPN-145-106 (HA-6)	0 0 272400 0 0 0 272400 0.00 KVA 0 0 146544 0 0 0 146544 0.00 KVA 0 0 78420 0 0 0 78420 0.00 KVA	XXX         0.00         MC BRK         SINGLE         400AF         / 400AT           XXX         0.00         MC BRK         SINGLE         225AF         / 225AT           XXX         0.00         MC BRK         SINGLE         225AF         / 225AT           XXX         0.00         MC BRK         SINGLE         225AF         / 225AT	EXISTING TEA REUSE SYSTEM	5190 5190 50A 13 X 14 50A 5190 17 X 18	6920 EXISTING CENTRAL VACUUM 6920	EXISTING COMPRESSOR NO. 1         520         20           SPARE         20           SPARE         20	0A 13 X 14 20A 0A 15 X 16 20A 0A 17 X 18 20A	SPARE SPARE SPARE	<ul> <li>6. REFER TO MECHANICAL/ELECTRICAL SCHEDULES AND NOTES ON SHEETS ME601 FOR ADDITIONAL INFORMATION.</li> <li>7. THE FOLLOWING SHADING INDICATES:</li> </ul>
9 RPN-145-101 (LB-1) 9 RPN-145-102 (LB-2) 10 RPN-145-103 (LC-1) 11 RPN-145-104 (LD-1)	0 1980 3300 80 0 0 5360 0.00 kVA 1440 10260 840 17692 0 0 30232 0.00 kVA 0 9000 1800 8404 0 0 19204 0.00 kVA 1000 9000 0 14466 0 0 24466 0.00 kVA	XXX         0.00         MC BRK         SINGLE         225AF         / 225AT           XXX         0.00         MC BRK         SINGLE         225AF         / 225AT           XXX         0.00         MC BRK         SINGLE         800AF         / 600AT           XXX         0.00         MC BRK         SINGLE         225AF         / 150AT	EXISTING DRYER NO. 8	9690         19         X         20           9690         100A         21         X         22           30A         23         X         24	6920 EXISTING TEA WASTE SYSTEM 6920	SPARE         20           SPARE         20           SPARE         20	DA     19     X     20     20A       DA     21     X     22     20A       DA     23     X     24     20A	SPARE SPARE SPARE	SHADING INDICATES AREA OF EXISTING DEVICES, EQUIPMENT, AND FEEDERS TO REMAIN UNLESS
12 RPN-145-105 (LE-1) 13 PPN-145-107 (HA-7) 14 PPN-145-108 (HA-8)	4800         22860         0         13950         0         0         41610         0.00 KVA           54000         0         0         0         0         54000         0.00 KVA           0         0         0         0         0         10662         0         0         10662         0.00 KVA	XXX         0.00         MC BRK         SINGLE         225AF         / 150AT           XXX         0.00         MC BRK         SINGLE         225AF         / 150AT           XXX         0.00         MC BRK         SINGLE         225AF         / 150AT           XXX         0.00         MC BRK         SINGLE         100AF         / 60AT	EXISTING TEA CONDENSATE SYSTEM	1040   25 X   26   15A   15A   27   X   28   15A   29   X   30	980 EXISTING WASHER UNLOAD CONVEYOR 980	SPARE         20           SPARE         20           SPARE         20	DA     25     X     26     20A       DA     27     X     28     20A       DA     29     X     30     20A	SPARE SPARE SPARE	NOTED OTHERWISE. AREAS FEATURING NO SHADING INDICATE WORK TO BE DEMOLISHED, FURNISHED AND INSTALLED UNDER THIS
15 DPN-145-111 (HA-9) 16 AHU-1 17 AHU-2	32700     37260     3000     199343     0     0     272303     0.00 KVA       0     0     0     0     0     0     54.00 AMPS       0     0     0     0     0     0     118.00 AMPS	XXX         0.00         MC BRK         SINGLE         100AF         / 60AT           MECH         44.89         MC BRK         SINGLE         225AF         / 200AT           MECH         98.10         MC BRK         SINGLE         400AF         / 400AT	EXISTING MAU-5	9000         40A         31 X         32 32 33 X         20A           9000         35 X         36         20A	SPARE	SPACE SPACE SPACE	31 X 32	SPACE SPACE SPACE	CONTRACT UNLESS NOTED OTHERWISE. ALL CIRCUITS/HOME RUNS OVERLAPPING WORK SCOPE AREA IS INCLUDED UNDER THIS
18 AHU-3 19 LPN-145-101 20 LPE-145-101 & 102	0 0 0 0 0 0 0 0 0 174.00 AMPS  22997 0 0 0 0 0 22997 0.00 KVA  18557 0 0 0 0 0 18557 0.00 KVA  1500 10800 0 40099 0 0 52399 0.00 KVA	MECH         144.66         MC BRK         SINGLE         225AF         / 200AT           XXX         0.00         MC BRK         SINGLE         225AF         / 125AT           XXX         0.00         MC BRK         SINGLE         60AF         / 30AT           XXX         0.00         MC BRK         SINGLE         225AF         / 225AT	SPACE	37 X 38 38 39 X 40 41 X 42	SPACE	SPACE            SPACE            SPACE	37 X 38	SPACE SPACE SPACE	CONTRACT.  8. THE FOLLOWING LINEWEIGHTS INDICATE:
21 LFN-143-102 22 ACC-1 23 ACC-2 24 SPACE	0 0 0 0 0 0 0 0 118.00 AMPS 0 0 0 0 0 0 0 0 240.00 AMPS 0 0 0 0 0 0 0 0 0 0 0.00 XXX	XXX	LOAD DESCRIPTION ØA  LIGHTING LOAD (VOLT-AMPS) 0	DNNECTED LOAD         DEMAND           ØB         ØC         TOTAL         FACTOR         ØA           0         0         0         1.00         0	DEMAND LOAD    ØB   ØC   TOTAL   0   0   0	LOAD DESCRIPTION         ØA         ØB         ØC         TOTAL           LIGHTING LOAD (VOLT-AMPS)         0         0         0         0	DEMAND         DEMAND LOAD           FACTOR         ØA         ØB         ØC         TOTAL           1.00         0         0         0         0		LIGHT SOLID LINES INDICATE EXISTING EQUIPMENT, DEVICES, BRANCH CIRCUITS, AND FEEDERS TO REMAIN AND ARE SHOWN FOR REFERENCE ONLY.
25 SPACE 26 SPACE 27 SPACE	0 0.00 XXX 0 0.00 XXX 0 0.00 XXX	XXX         MC BRK         SINGLE         XXX         XXX	180VA RECEPTACLE LOAD (VOLT-AMPS)   0   AMOUNT	0 0 0 1.00 (FIRST 10kVA) 0 COVER 10kVA 0 0.50 (> 10kVA) 0 74332 74332 222996 1.00 7433	0 0 0 RECEPTACLE DEMAND FACTOR PER ARTICL 0 0 0 0 220.44 OF THE NATIONAL ELECTRICAL COD	180VA RECEPTACLE LOAD (VOLT-AMPS) 720 720 540 1980		ECEPTACLE DEMAND FACTOR PER ARTICLE 20.44 OF THE NATIONAL ELECTRICAL CODE.	EXISTING LOCATIONS AND LAYOUT MAY DIFFER FROM LAYOUT SHOWN. FIELD VERIFY EXACT
28 SPACE 29 SPACE 30 SPACE	0 0.00 XXX 0 0.00 XXX 0 0.00 XXX	XXX         MC BRK         SINGLE         XXX         XXX           XXX         MC BRK         SINGLE         XXX         XXX           XXX         MC BRK         SINGLE         XXX         XXX	NON-CONTINUOUS LOAD (VOLT-AMPS) 0	0 0 0 0 0 0 0 74.33 74.33 223.00 <b>125% OF LIGHT, CONT AND</b> 74.33 268.2 268.2 (<=10kVA) LOAD PLUS OTHER LOAD 268.2	0 0 0 (REPLACEMENT 2 268.2 268.2 268.2 268.2 FOR HA-3)	NON-CONTINUOUS LOAD (VOLT-AMPS)   80   0   0   80	48   0   0   48   125% OF LIGHT, CONT AND   1.81   1.74   1.78   5.33   10kVA) LOAD PLUS OTHER LOAD   15.1   14.5   14.8   14.8	(REPLACEMENT FOR LB-1)	LOCATIONS AND LAYOUT.   DARK (BOLD) DASHED LINES INDICATE EXISTING  EQUIPMENT, DEVICES, BRANCH CIRCUITS, AND
	LIGHT (FIRST (>10kVA) CONT nonC MECH PROCESS TOTAL	Totals Minimum		335.3 335.3 335.3 < PER NEC ARTICLE 215.2> 335.3	2	7	- PER NEC ARTICLE 215.2> 18.7 18.1 18.5 18.5		FEEDERS TO BE REMOVED OR RELOCATED UNDER THIS CONTRACT. RELOCATED ITEMS WILL BE DESIGNATED WITH AN "(R)" NEXT TO THE
Total Connected kVA  Demand Factors (Note 7)  Total Demand kVA	136.99     10.00     91.16     1055.88     304.70     287.66     0.00     1886.39       1.00     1.00     0.50     1.00     0.60     0.60       136.99     10.00     45.58     1055.88     182.82     172.60     0.00     1603.87	1886.39         2267.60         Feeder Amps           kVA         Amps         Amps           1603.87         1927.98         Note 6 D         2245.30	PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO FED FROM: REFER TO	POWER PLANS BUSSING: 400A ONE-LINE DIAGRAM MAIN LOCATION: TOP	P-P VOLTAGE: 480 P-N VOLTAGE: 277 PHASE: 3		MAIN: 225A BREAKER P-P VOLTAGE: 2 BUSSING: 225A P-N VOLTAGE: 1 AIN LOCATION: TOP PHASE: 3		EQUIPMENT OR FEEDER.  DARK (BOLD) SOLID LINES INDICATE EQUIPMENT,
	ted to kVA based on Table 430.150 of the NEC. HP = Shaft kW/0.746 of the NEC.		FEEDER SIZE: REFER TO  GROUND BUS: STANDARI	NEMA RATING: 12	WIRE: 4 NEUTRAL: 100% I. SC INTERRUPTING RATING: REFER TO SHORT CIRCUIT STUDY	FEEDER SIZE: REFER TO ONE-LINE DIAGRAM  GROUND BUS: STANDARD	MOUNTING: SURFACE WIRE: 4 NEMA RATING: 12 IP RATING: MIN. SC INTERRUPTING RATING: R		DEVICES, BRANCH CIRCUITS, AND FEEDERS TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT.
3. Fuses (Dual Element) feeding mot	otors based on 150% of full load as allowed per Table 430.52 of the NEC (175% max). Leding motors based on 200% of full load as allowed per Table 430.52 of the NEC (250% max) and is su	uggested size. Recommended size of circuit	Remarks LIGHT   LOAD	ECEPT CONT nonC OC CCT Ø Ø Ø CCT OC NONC LOAD LOAD PROT CCT A B C CCT PROT LOAD	C CONT RECEPT LIGHT Remarks		CCT Ø Ø Ø CCT OC NONC CONT RECEPT LIGHT	Remarks	SHEET NOTES
5. Actual circuit breaker frame size r	may vary by panelboard manufacturer. ed from 125% of continuous and largest individual load (if noncoincident) plus remaining noncoincide	lent Connected (C) or Demand (D) load per	EXISTING WASHER BELT BOX	1380 15A 3 X 4 20A 1380 5 X 6	830 EXISTING SHUTTLE 830	EXISTING E-TECH MCP NO. 2   320   20	DA     1     X     2       DA     3     X     4     25A       DA     5     X     6       DA     7     X     8     20A       T20	EXISTING A/C - CLEAN ROOM	1. PROVIDE BRACING AND INTERRUPTING RATINGS FOR ALL EQUIPMENT BASED ON
	all connected electrical equipment. Refer to individual panel schedules for Demand Factors applie	ed.	EXISTING DRYER BELT BOX	1380	9000 EXISTING MAU-4 9000 9000	EXISTING PLUGS - PRE-FEEDERS       720       20         2 EXISTING HEATERS       520       20         BATHROOM SENSORS (109,110)       200       20         BATHROOM SENSORS (114,115)       200       20	DA     7     X     8     20A     720       DA     9     X     10     20A     720       DA     11     X     12     20A     720       DA     13     X     14     20A     720	EXISTING PLUGS - CLEAN ROOM	VALUES SHOWN ON 00-EP-700 THROUGH 00-EP-711 AND CORRESPONDING NOTES.  2. MOTOR HP AND SHAFT KW IS CONVERTED TO KVA BASED ON TABLE 430.150 OF THE NEC. HP = SHAFT KW/0.746
			EXISTING STORAGE BELT BOX	1380 15A 15 X 16 40A 1380 17 X 18 9690 19 X 20	9000 EXISTING MAU-3 9000 9690	RECEPT (109,110,116A) 720 20 RECEPT (114,115,116A) 900 20	DA     13     X     14     20A     720       DA     15     X     16     20A     720       DA     17     X     18     20A     720       DA     19     X     20     20A     720	EXISTING PLUGS - CLEAN ROOM EXISTING PLUGS - CLEAN ROOM EXISTING PLUGS - CLEAN ROOM EXISTING PLUGS - RESTROOMS	3. DEVICE SIZE AND OVER-CURRENT PROTECTION LOADS BASED ON 125% OF FULL LOADS PER ARTICLE 210.20 OF THE NEC.
			EXISTING DRYER NO. 1	9690	9690 EXISTING DRYER NO. 5 9690 9690	SPARE 20	OA     19     X     20     20A     720       OA     21     X     22     20A     720       OA     23     X     24     20A     720       OA     25     X     26     20A     720	EXISTING PLUGS - RESTROOMS  EXISTING LIGHTS - CLEAN ROOM  EXISTING LIGHTS - CLEAN ROOM  EXISTING PLUGS - CHEMICAL/SOAP AREA	4. FUSES (DUAL ELEMENT) FEEDING MOTORS BASED ON 150% OF FULL LOAD AS ALLOW PER TABLE 430.52 OF THE NEC (175% MAX).
			EXISTING DRYER NO. 2	9690         110A         27         X         28         110A           9690         29         X         30           9690         31         X         32	9690 EXISTING DRYER NO. 6 9690 9690	SPARE         20           SPARE         20           SPACE	DA 27 X 28 20A 720 DA 29 X 30 20A 31 X 32	EXIST. PLUGS - DRYER/UNLOAD CONVEYOR  SPARE  SPACE	5. CIRCUIT BREAKERS (INVERSE TIM E) FEEDING MOTORS BASED ON 200% OF FULL LOAD AS ALLOWED PER TABLE 430.52 OF THE NEC (2505 MAX) AS IS SUGGESTED SIZE.  RECOMMENDED SIZE OF CIRCUIT BREAKERS MAY VARY BY PANELBOARD
			EXISTING DRYER NO. 3	9690 110A 33 X 34 110A 9690 35 X 36 9690 37 X 38	9690 EXISTING DRYER NO. 7 9690	SPACE	33 X 34 35 X 36 37 X 38	SPACE SPACE SPACE	MANUFACTURER.  6. MINIMUM FEEDER AMPS CALCULATED FROM 125% OF CONTINUOUS AND LARGEST INDIVIDUAL LOAD (IF NON-CONTINUOUS) PLUS REMAINING NON-CONTINUOUS
			EXISTING DRYER NO. 4	9690	DEMAND LOAD SPARE	SPACE	39 X 40 41 X 42 DEMAND DEMAND LOAD	SPACE SPACE	CONNECTED (C) OR DEMAND (D) LOAD PER ARTICLE 215.2 AND 220.4(A) OF THE N  7. ACTUAL CIRCUIT BREAKER FRAME SIZE MAY VARY BY PANELBOARD MANUFACTURES
			LIGHTING LOAD (VOLT-AMPS)  180VA RECEPTACLE LOAD (VOLT-AMPS)  0	ONNECTED LOAD         DEMAND           ØB         ØC         TOTAL         FACTOR         ØA           0         0         0         1.00         0           0         0         0         1.00 (FIRST 10kVA)         0	DEMAND LOAD	CONNECTED LOAD	FACTOR         ØA         ØB         ØC         TOTAL           1.00         0         720         720         1440	ECEPTACLE DEMAND FACTOR PER ARTICLE	<ul> <li>8. ALL MAIN BREAKERS IN POWER DISTRIBUTION PANELS (PDP) TO BE 100% RATED.</li> <li>9. ALL SHUNT TRIP CIRCUIT BREAKERS TO HAVE BELL CIRCUIT WHERE REQUIRED.</li> </ul>
			NON-CONTINUOUS LOAD (VOIT-AMPS)	90800 90800 272400 1.00 90800	0 0 0 220.44 OF THE NATIONAL ELECTRICAL COD 0 90800 90800 272400 0 0 0 (DEDI A CEAAENIT	CONTINUOUS LOAD (VOLT-AMPS)   3800   3800   3800   10280   1		20.44 OF THE NATIONAL ELECTRICAL	10. ELECTRICAL DEVICE/EQUIPMENT QUANTITIES SHOWN IN PANEL SCHEDULES ARE NO TO BE USED FOR BIDDING PURPOSES. REFER TO ELECTRICAL PLANS FOR
			TOTAL LOAD (kVA) 90.80  TOTAL AMPACITY (AMPS) 327.6  MINIMUM FEEDER SIZING (AMPS) 409.5	90.80         90.80         272.40         125% OF LIGHT, CONT AND         90.80           327.6         327.6         327.6         (<=10kVA) LOAD PLUS OTHER LOAD	(REPLACEMENT 5 409.5 409.6 (REPLACEMENT FOR HA-4)	TOTAL LOAD (kVA)         9.88         10.60         9.74         30.23           TOTAL AMPACITY (AMPS)         82.3         88.3         81.1         83.9         (<=1)	125% OF LIGHT, CONT AND         7.45         8.25         7.32         23.03           10kVA) LOAD PLUS OTHER LOAD         62.1         68.7         60.9         63.9           - PER NEC ARTICLE 215.2         70.0         78.6         68.7         72.4	(REPLACEMENT FOR LB-2)	DEVICE/EQUIPMENT LOCATIONS AND QUANTITIES.
	SNATION: PPN-145-101 MAIN: 400A BREAKER DCATION: REFER TO POWER PLANS BUSSING: 400A	P-P VOLTAGE: 480 P-N VOLTAGE: 277	PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO		P-P VOLTAGE: 480 P-N VOLTAGE: 277	PANEL DESIGNATION: RPN-145-103 PANEL LOCATION: REFER TO POWER PLANS	MAIN: 225A BREAKER P-P VOLTAGE: 2 BUSSING: 225A P-N VOLTAGE: 1	08	
FEC	ED FROM: REFER TO ONE-LINE DIAGRAM DER SIZE: REFER TO ONE-LINE DIAGRAM MAIN LOCATION: TOP MOUNTING: SURFACE NEMA RATING: 12	PHASE: 3 WIRE: 4 NEUTRAL: 100%	FED FROM: REFER TO FEEDER SIZE: REFER TO	ONE-LINE DIAGRAM MAIN LOCATION: TOP	PHASE: 3 WIRE: 4 NEUTRAL: 100%	FED FROM: REFER TO ONE-LINE DIAGRAM FEEDER SIZE: REFER TO ONE-LINE DIAGRAM	AIN LOCATION: TOP PHASE: 3  MOUNTING: SURFACE WIRE: 4  NEMA RATING: 12  NEUTRAL: 14	00%	
Remarks	UND BUS: STANDARD IP RATING: MIN. SC INT	TERRUPTING RATING: REFER TO SHORT CIRCUIT STUDY  NT RECEPT LIGHT Remarks	GROUND BUS: STANDARD  Remarks  LIGHT F		I. SC INTERRUPTING RATING: REFER TO SHORT CIRCUIT STUDY  C CONT RECEPT LIGHT Remarks	Remarks LIGHT RECEPT CONT nonC O	IP RATING:  MIN. SC INTERRUPTING RATING: R  C CCT Ø Ø Ø CCT OC nonC CONT RECEPT LIGHT OT CCT A B C CCT PROT LOAD LOAD LOAD	EFER TO SHORT CIRCUIT STUDY  Remarks	
EXISTING CBW NO. 2	13840   80A   3   X   4   80A   13840   1384	40   EXISTING CBW NO. 1	EXISTING DRYER ULOAD SYSTEM	8300	8300	EXISTING RECEPTACLE (UNDER PANEL)   360   20	OH A B C PROI LOAD LOAD LOAD LOAD	EXISTING EXHAUST FAN (SOIL) EXISTING RECEPTACLES - IPL#7 (111) EXISTING RECEPTACLES - IPL#8 (111)	
EXISTING ELEVATOR NO. 2		50 EXISTING E-TECH SOIL CONVERSION PANE	EL EXISTING PRE-FEEDERS TO IRONERS	3320 7 X 8 3320 25A 9 X 10 60A	8300 EXISTING CHICAGO IRON SYSTEM NO. 2	SPARE 20	0A 7 X 8 20A 1800 0A 9 X 10 00A 1456	REG ON MCP1	
		50		3320 11 X 12	8300 EXISTING CHICAGO IRON STSTEM NO. 2	EV/05/10 PEOSIDE ( 0/ 50 // 4/ 5)	20A	EXISTING ROOF TOP AC#13098	
EXISTING STORAGE NO. 2	1110 11 X 12 415 1110 13 X 14 208 1110 15A 15 X 16 15A 208 1110 17 X 18 208	50 30 80 EXISTING CART DUMP NO. 1	EXISTING DRAW BRIDGE CONVEYORS	3320   11   X   12	8300   EXISTING CHICAGO IRON STSTEM NO. 2   8300   2768   EXISTING SMALL PC FOLDERS   2768   EXISTING SMALL PC FOLDERS	EXISTING RECEPTACLES (111E)       1080       20         EXISTING ALARM SYSTEM (111E)       1080       20         EXISTING RECEPTACLES - IPL#4 (111)       1080       20	0A 11 X 12 20A 1456 0A 13 X 14 20A	EXISTING ROOF TOP AC#13098  SPARE IST. RECEPTACLES - ENERGY CONTROL (111E  SPARE	
EXISTING STORAGE NO. 2  EXISTING ELEVATOR NO. 1	1110   15A   15   X   16   15A   208   1110   17   X   18   208   1700   15A   21   X   22   15A   208   2	EXISTING CART DUMP NO. 1  EXISTING CART DUMP NO. 1  EXISTING CART DUMP NO. 2  EXISTING CART DUMP NO. 2		2768 17 X 18 2768 19 X 20	8300 2768	EXISTING RECEPTACLES (111E)   1080   20	DA 11 X 12 20A 1456  DA 13 X 14 20A	SPARE	
	1110	80 BO EXISTING CART DUMP NO. 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS	2768     17     X     18       2768     19     X     20       2768     15A     21     X     22       2768     23     X     24       9000     25     X     26	8300	EXISTING RECEPTACLES (111E)       1080       20         EXISTING ALARM SYSTEM (111E)       1080       20         EXISTING RECEPTACLES - IPL#4 (111)       1080       20         EXISTING RECEPTACLES - IPL#5 (111)       1080       20         SPARE       20	0A 11 X 12 20A 1456 0A 13 X 14 20A	SPARE IST. RECEPTACLES - ENERGY CONTROL (111E SPARE SPARE SPARE SPARE	
EXISTING ELEVATOR NO. 1	1110	80	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS	2768     17     X     18       2768     19     X     20       2768     21     X     22       2768     23     X     24       9000     25     X     26       9000     27     X     28       29     X     30       31     X     32       20A     33     X     34       35     X     36	8300	EXISTING RECEPTACLES (111E)   1080   20     EXISTING ALARM SYSTEM (111E)   1080   20     EXISTING RECEPTACLES - IPL#4 (111)   1080   20     EXISTING RECEPTACLES - IPL#5 (111)   1080   20     EXISTING RECEPTACLES - IPL#5 (111)   1080   20     SPARE   20     SPARE   20     EXISTING FIRE ALARM CIRCUIT   500   20     SPARE   20     EXISTING EF BY 111E   696   20     SPARE   20	DA 11 X 12 20A 1456  DA 13 X 14 20A	SPARE IST. RECEPTACLES - ENERGY CONTROL (111E SPARE SPARE SPARE SPARE SPARE SPARE	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1	1110	EXISTING CART DUMP NO. 2  EXISTING MAU-1  EXISTING PRESS NO. 1  SPACE	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE	2768       17       X       18         2768       15A       19       X       20         2768       21       X       22       15A         9000       25       X       24         9000       25       X       26         9000       27       X       28         29       X       30         31       X       32         35       X       36         37       X       38         39       X       40         41       X       42	8300   2768   EXISTING SMALL PC FOLDERS   2768   1384   EXISTING BLANKET FOLDER/IRON   1384   1940   EXISTING WATER HEATER   1940   SPARE   SPACE	EXISTING RECEPTACLES (111E)   1080   20     EXISTING ALARM SYSTEM (111E)   1080   20     EXISTING RECEPTACLES - IPL#4 (111)   1080   20     EXISTING RECEPTACLES - IPL#5 (111)   1080   20     SPARE   20     EXISTING FIRE ALARM CIRCUIT   500   20     SPARE   20     EXISTING EF BY 111E   696   20     SPARE   50     SPARE	10A 11	SPARE IST. RECEPTACLES - ENERGY CONTROL (111E SPARE	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION  LIGHTING LOAD (VOLT-AMPS)	1110	EXISTING CART DUMP NO. 2  EXISTING CART DUMP NO. 2  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  SPACE  SPACE  AND LOAD  B ØC TOTAL  0 0	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION  LIGHTING LOAD (VOLT-AMPS)  0	2768	8300   2768   EXISTING SMALL PC FOLDERS   2768   1384   EXISTING BLANKET FOLDER/IRON   1384   1940   EXISTING WATER HEATER   1940   SPARE   SPACE     DEMAND LOAD   ØB ØC TOTAL   0 0 0 0	EXISTING RECEPTACLES (111E)   1080   20     EXISTING ALARM SYSTEM (111E)   1080   20     EXISTING RECEPTACLES - IPL#4 (111)   1080   20     EXISTING RECEPTACLES - IPL#5 (111)   1080   20     SPARE   20     EXISTING FIRE ALARM CIRCUIT   500   20     SPARE   20     EXISTING EF BY 111E   696   20     SPARE   20   20     SPARE   20	DA	SPARE	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION  LIGHTING LOAD (VOLT-AMPS)  180VA RECEPTACLE LOAD (VOLT-AMPS)  CONTINUOUS LOAD (VOLT-AMPS)	1110	EXISTING CART DUMP NO. 2  EXISTING MAU-1  EXISTING MAU-1  EXISTING PRESS NO. 1	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) CONTINUOUS LOAD (VOLT-AMPS) 48848	2768	8300   2768   EXISTING SMALL PC FOLDERS   2768   1384   EXISTING BLANKET FOLDER/IRON   1384   1940   EXISTING WATER HEATER   1940   SPARE   SPACE     SPACE     SPACE     SPACE     SPACE	EXISTING RECEPTACLES (111E)   1080   20     EXISTING ALARM SYSTEM (111E)   1080   20     EXISTING RECEPTACLES - IPL#4 (111)   1080   20     EXISTING RECEPTACLES - IPL#5 (111)   1080   20     SPARE	DA	SPARE	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION  LIGHTING LOAD (VOLT-AMPS)  180VA RECEPTACLE LOAD (VOLT-A  CONTINUOUS LOAD (VOLT-AMPS)  NON-CONTINUOUS LOAD (VOLT-A  TOTAL LOAD (kVA)  TOTAL AMPACITY (AMPS)	1110	EXISTING CART DUMP NO. 2  EXISTING CART DUMP NO. 2  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING MAU-1  EXISTING MAU-1  EXISTING CART DUMP NO. 2  EXISTING MAU-1  EXISTING MAU-1  EXISTING PRESS NO. 1	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) CONTINUOUS LOAD (VOLT-AMPS) 1001 AMOUNT AMOUN	2768	8300   2768   EXISTING SMALL PC FOLDERS   2768   1384   EXISTING BLANKET FOLDER/IRON   1384   1940   EXISTING WATER HEATER   1940   SPARE   SPACE   SPACE   SPACE   CRECEPTACLE DEMAND FACTOR PER ARTICL   220.44 OF THE NATIONAL ELECTRICAL COD   (REPLACEMENT   CRECEPTACLE MENT	EXISTING RECEPTACLES (111E)   1080   20     EXISTING ALARM SYSTEM (111E)   1080   20     EXISTING RECEPTACLES - IPL#4 (111)   1080   20     EXISTING RECEPTACLES - IPL#5 (111)   1080   20     SPARE   20   20   20   20   20     SPARE   20   20   20   20   20     SPARE   20   20   20   20   20   20     SPARE   20   20   20   20   20   20   20   2	1	SPARE  SP	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION  LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-A  CONTINUOUS LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-A  TOTAL LOAD (kVA) TOTAL AMPACITY (AMPS) MINIMUM FEEDER SIZING (AMPS)	1110	EXISTING CART DUMP NO. 2  EXISTING CART DUMP NO. 2  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  SPACE  EXISTING PRESS NO. 1  EXISTING MAU-1  EXISTING PRESS NO. 1  (REPLACEMENT FOR HA-1)	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) OLE CONTINUOUS LOAD (VOLT-AMPS) 100 AMOUNT AMOUNT AMOUNT TOTAL LOAD (kVA) TOTAL LOAD (kVA) TOTAL AMPACITY (AMPS) MINIMUM FEEDER SIZING (AMPS) 220.3	2768	8300   2768   EXISTING SMALL PC FOLDERS   2768   1384   EXISTING BLANKET FOLDER/IRON   1384   1384   EXISTING WATER HEATER   1940   EXISTING WATER HEATER   SPARE   SPACE   SPACE   SPACE   CRECEPTACLE DEMAND FACTOR PER ARTICL   220.44 OF THE NATIONAL ELECTRICAL COD   (REPLACEMENT   FOR HA-5)   FOR HA-5)	EXISTING RECEPTACLES (111E)   1080   20	1	SPARE	
EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION  LIGHTING LOAD (VOLT-AMPS)  180VA RECEPTACLE LOAD (VOLT-AMPS)  NON-CONTINUOUS LOAD (VOLT-AMPS)  NON-CONTINUOUS LOAD (VOLT-AMPS)  MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGN PANEL LOCK  PANEL DESIGN PANEL LOCK  FEE	1110	EXISTING CART DUMP NO. 2  EXISTING CART DUMP NO. 2  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING MAU-1  EXISTING MAU-1  EXISTING CART DUMP NO. 2  EXISTING MAU-1  EXISTING MAU-1  EXISTING PRESS NO. 1	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) CONTINUOUS LOAD (VOLT-AMPS) 1001 AMOUNT AMOUN	2768	8300   2768   EXISTING SMALL PC FOLDERS   2768   1384   EXISTING BLANKET FOLDER/IRON   1384   1940   EXISTING WATER HEATER   1940   SPARE   SPACE   SPACE   SPACE   CRECEPTACLE DEMAND FACTOR PER ARTICL   220.44 OF THE NATIONAL ELECTRICAL COD   (REPLACEMENT   CRECEPTACLE MENT	EXISTING RECEPTACLES (111E)	1	SPARE  SP	
EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION  LIGHTING LOAD (VOLT-AMPS)  180VA RECEPTACLE LOAD (VOLT-AMPS)  NON-CONTINUOUS LOAD (VOLT-AMPS)  NON-CONTINUOUS LOAD (VOLT-AMPS)  NON-CONTINUOUS LOAD (VOLT-AMPS)  MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGN  PANEL DESIGN  PANEL DESIGN  PANEL DESIGN  PEED	1110	EXISTING CART DUMP NO. 2  EXISTING CART DUMP NO. 2  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  SPACE  EXISTING PRESS NO. 1  SPACE  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  SPACE  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING MAU-1  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  EXISTING MAU-1  EXISTING PRESS NO. 1	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) OAMOUN CONTINUOUS LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) TOTAL LOAD (kVA) TOTAL LOAD (kVA) TOTAL AMPACITY (AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO FED FROM: REFER TO	2768	8300   2768   EXISTING SMALL PC FOLDERS     2768	EXISTING RECEPTACLES (111E) 1080 20  EXISTING ALARM SYSTEM (111E) 1080 20  EXISTING RECEPTACLES - IPL#4 (111) 1080 20  EXISTING RECEPTACLES - IPL#5 (111) 1080 20  SPARE 20  EXISTING FIRE ALARM CIRCUIT 500 20  SPARE 20  SPARE 20  EXISTING EF BY 111E 696 20  SPARE 30  SPARE 30  SPARE 40  SPARE 50  SPARE 50  SPARE 50  SPARE 60  SPARE 70  MAIN LOCAL MOOUNT NEEDER SIZING (AMPS) 70  SPARE	DA	SPARE  IST. RECEPTACLES - ENERGY CONTROL (111E  SPARE  SPA	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION  LIGHTING LOAD (VOLT-AMPS)  180VA RECEPTACLE LOAD (VOLT-A  CONTINUOUS LOAD (VOLT-AMPS)  NON-CONTINUOUS LOAD (VOLT-A  TOTAL LOAD (kVA)  TOTAL AMPACITY (AMPS)  MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGN  PANEL DESIGN  FEED  GROU  Remarks	1110	EXISTING CART DUMP NO. 2  EXISTING CART DUMP NO. 2  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  EXISTING MAU-1  EXISTING MAU-1  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  EXISTING MAU-1  EXIS	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) 10TOTAL LOAD (kVA) TOTAL AMPACITY (AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO FEED FROM: REFER TO FEED FROM: REFER TO FEEDER SIZE: REFER TO GROUND BUS: STANDARE  Remarks  LIGHT FELOAD	2768	RECEPTACLE DEMAND FACTOR PER ARTICL   O	EXISTING RECEPTACLES (111E)	DEMAND   DEMAND LOAD   DEMAN	SPARE  ST. RECEPTACLES - ENERGY CONTROL (111E  SPARE  SPAR	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-A  CONTINUOUS LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-A  TOTAL LOAD (kVA) TOTAL AMPACITY (AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGN PANEL LOC FEE FEED GROU  Remarks  EXISTING COMPRESSOR NO.	1110	EXISTING CART DUMP NO. 2  EXISTING CART DUMP NO. 2  EXISTING MAU-1  EXISTING PRESS NO. 1  EXISTING PRESS NO. 1  SPACE  CAND LOAD  B ØC TOTAL  O O O  40 70740 212220  O O O  74 70.74 212.22  33 255.3 255.3 2.1 319.1 319.1  P-P VOLTAGE: 480 P-N VOLTAGE: 277 PHASE: 3 WIRE: 4 NEUTRAL: 100% TERRUPTING RATING: REFER TO SHORT CIRCUIT STUDY  NT RECEPT LIGHT AD LOAD  RECEPTACLE DEMAND FACTOR PER ARTICL  220.44 OF THE NATIONAL ELECTRICAL COD  (REPLACEMENT FOR HA-1)  TERRUPTING RATING: REFER TO SHORT CIRCUIT STUDY  NT RECEPT LIGHT AD LOAD  EXISTING CART DUMP NO. 2  EXISTING COMPRESSOR NO. 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) CONTINUOUS LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) TOTAL LOAD (kVA) TOTAL LOAD (kVA) TOTAL AMPACITY (AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO FEED FROM: REFER TO FEEDER SIZE: REFER TO GROUND BUS: STANDARE  Remarks LIGHT R  REMARKS LIGHT R  LOAD	17	Receptable   Rec	EXISTING RECEPTACLES (111E)	DEMAND   DEMAND LOAD   DEMAN	SPARE ST. RECEPTACLES - ENERGY CONTROL (111E SPARE SPA	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGN PANEL LOC FEE FEED GROU  Remarks  EXISTING COMPRESSOR NO. 1	1110	EXISTING CART DUMP NO. 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LIGHTING LOAD (VOLT-AMPS)  180VA RECEPTACLE LOAD (VOLT-AMPS)  NON-CONTINUOUS LOAD (VOLT-AMPS)  NON-CONTINUOUS LOAD (VOLT-AMPS)  10TAL LOAD (KVA)  TOTAL LOAD (KVA)  TOTAL AMPACITY (AMPS)  MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGNATION: PPN-1  PANEL LOCATION: REFER TO  FEED FROM: REFER TO  FEED FROM: REFER TO  GROUND BUS: STANDARE  Remarks  LIGHT FEEDER SIZE: REFER TO  GROUND BUS: STANDARE  EXISTING STEAM TUNNEL (15A)  EXISTING 110 LB DRYER (14A)	2768	R300	EXISTING RECEPTACLES (111E)	DA	SPARE  IST. RECEPTACLES - ENERGY CONTROL (111E  SPARE  TORIC 106 & ROOF  GRECEPTACLES (112)  COFFEE MACHINE (VENDING)  ACLE - GAS METER (EXTERIOR SPARE  PTACLES AT SINK (VENDING)  ECEPTACLES (VENDING)  NTER RECEPT (112)  NTER RECEPT (112)  NTER RECEPT (112)	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-A  CONTINUOUS LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-A  TOTAL LOAD (kVA) TOTAL AMPACITY (AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGN PANEL LOC FEE FEED GROU  Remarks  EXISTING COMPRESSOR NO.	1110	EXISTING CART DUMP NO. 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION  LIGHTING LOAD (VOLT-AMPS)  180VA RECEPTACLE LOAD (VOLT-AMPS)  O AMOUNT  CONTINUOUS LOAD (VOLT-AMPS)  NON-CONTINUOUS LOAD (VOLT-AMPS)  O AMOUNT  48.85  NON-CONTINUOUS LOAD (VOLT-AMPS)  TOTAL LOAD (kVA)  TOTAL LOAD (kVA)  TOTAL AMPACITY (AMPS)  MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGNATION: PPN-1  PANEL DESIGNATION: REFER TO  FED FROM: REFER TO  FEEDER SIZE: REFER TO  GROUND BUS: STANDARE  Remarks  LIGHT LOAD  EXISTING STEAM TUNNEL (15A)  EXISTING STEAM TUNNEL (15A)  EXISTING 110 LB DRYER (14C)	2768	RECEPTACLE DEMAND FACTOR PER ARTICLE   DEMAND LOAD	EXISTING RECEPTACLES (111E)	DA	SPARE ST. RECEPTACLES - ENERGY CONTROL (111E SPARE SPA	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-A TOTAL LOAD (kVA) TOTAL LOAD (kVA) TOTAL AMPACITY (AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGN PANEL LOC FEE FEED GROU  Remarks  EXISTING COMPRESSOR NO. 1  EXISTING BOILER NO. 1	1110	EXISTING CART DUMP NO. 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION ØA LIGHTING LOAD (VOLT-AMPS) 0 AMOUNT (VOLT-AMPS) 1 BOVA RECEPTACLE LOAD (VOLT-AMPS) 0 AMOUNT (VOLT-AMPS) 1 TOTAL LOAD (kVA) 48.85 TOTAL AMPACITY (AMPS) 176.3 MINIMUM FEEDER SIZING (AMPS) 220.3  PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO FED PROM: REFER TO FED FROM: REFER TO GROUND BUS: STANDARI (LIGHT FED FROM: REFER TO FEED FROM	17	RECEPTACLE DEMAND FACTOR PER ARTICLE   DEMAND LOAD	EXISTING RECEPTACLES (111E)  EXISTING ALARM SYSTEM (111E)  EXISTING RECEPTACLES - IPL#4 (111)  EXISTING RECEPTACLES - IPL#5 (111)  EXISTING RECEPTACLES - IPL#5 (111)  SPARE  EXISTING FIRE ALARM CIRCUIT  SPARE  CONNECTED LOAD  LOAD DESCRIPTION  GA ØB ØC TOTAL  LIGHTING LOAD (VOLT-AMPS)  1440 3240 4320 9900  AMOUNT OVER 10kVA 0  CONTINUOUS LOAD (VOLT-AMPS)  180VA RECEPTACLE LOAD (VOLT-AMPS)  NON-CONTINUOUS LOAD (VOLT-AMPS)  NON-CONTINUOUS LOAD (VOLT-AMPS)  TOTAL LOAD (KVA)  TOTAL LOAD (KVA)  TOTAL LOAD (KVA)  TOTAL LOAD (KVA)  SPANE  PANEL DESIGNATION: RPN-145-104  PANEL DESIGNATION: REFER TO ONE-LINE DIAGRAM FEEDER SIZE: REFER TO ONE-LINE DIAGRAM FIRE TO TOTAL TOTAL TOTAL TOTAL T	DA	SPARE  IST. RECEPTACLES - ENERGY CONTROL (111E  SPARE	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-A TOTAL LOAD (KVA) TOTAL LOAD (KVA) TOTAL AMPACITY (AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGN PANEL LOC FEED GROU  Remarks  EXISTING COMPRESSOR NO. 1  EXISTING BOILER NO. 1  EXISTING CARTWASH  SPARE	1110	EXISTING CART DUMP NO. 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION ØA LIGHTING LOAD (VOLT-AMPS) 0 AMOUNT (VOLT-AMPS) 1 BOVA RECEPTACLE LOAD (VOLT-AMPS) 0 AMOUNT (VOLT-AMPS) 1 TOTAL LOAD (kVA) 48.85 TOTAL AMPACITY (AMPS) 176.3 MINIMUM FEEDER SIZING (AMPS) 220.3  PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO FED PROM: REFER TO FED FROM: REFER TO GROUND BUS: STANDARI (LIGHT FED FROM: REFER TO FEED FROM	17	Sado	EXISTING RECEPTACLES (111E)	A	SPARE  IST. RECEPTACLES - ENERGY CONTROL (111E  SPARE	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGN PANEL LOC FEED GROU  Remarks  EXISTING COMPRESSOR NO. 1  EXISTING CARTWASH  SPARE  SPACE	1110	EXISTING CART DUMP NO. 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) DIBOVA RECEPTACLE LOAD (VOLT-AMPS) ON-CONTINUOUS LOAD (VOLT-AMPS) OTOTAL LOAD (kVA) TOTAL LOAD (kVA) TOTAL LOAD (kVA) TOTAL LOAD (KVA) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO FED FROM: REFER TO FEEDER SIZE: REFER TO GROUND BUS: STANDARE  Remarks  LIGHT FLOAD EXISTING STEAM TUNNEL (15A)  EXISTING STEAM TUNNEL (15A)  EXISTING 110 LB DRYER (14A)  EXISTING WASHER (13A)  EXISTING WASHER (13C)  SPARE  SPACE	17	Receptable description   Receptable descript	EXISTING RECEPTACLES (111E)	A	SPARE  IST. RECEPTACLES - ENERGY CONTROL (111E  SPARE	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AT TOTAL LOAD (RVA) TOTAL LOAD (RVA) TOTAL AMPACITY (AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGN PANEL LOCK FEE GROU  Remarks  EXISTING COMPRESSOR NO. 1  EXISTING CARTWASH  SPACE  SPACE  SPACE	1110	EXISTING CART DUMP NO. 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) ON-CONTINUOUS LOAD (VOLT-AMPS) 170TAL LOAD (KVA) TOTAL LOAD (KVA) EXISTING STEAM TUNNEL (15A)  EXISTING STEAM TUNNEL (15A)  EXISTING 110 LB DRYER (14A)  EXISTING 110 LB DRYER (14C)  EXISTING WASHER (13A)  EXISTING WASHER (13C)  SPARE  SPACE	17	Receptable   Rec	EXISTING RECEPTACLES (111E)	A	SPARE  ST. RECEPTACLES - ENERGY CONTROL (111E  SPARE  CIRCUIT STUDY  Remarks  LES & LOUVRES (106 & ROOF GRECEPTACLES (112) COFFEE MACHINE (VENDING) ACLE - GAS METER (EXTERIOR SPARE  PTACLES AT SINK (VENDING) NTER RECEPT (112) SPARE  SPARE  SPARE  SPACE	
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EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-A TOTAL LOAD (kVA) PANEL DESIGN PANEL LOC FEE GROU  Remarks  EXISTING COMPRESSOR NO. 1  EXISTING CARTWASH  SPACE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS)	1110	EXISTING CART DUMP NO. 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  SPACE  LIGHTING LOAD (VOLT-AMPS)  TOTAL LOAD LOAD (VOLT-AMPS)  TOTAL LOAD (KVA)  PANEL DESIGNATION: PPN-1  PANEL LOCATION: REFER TO  FED FROM: R	17	B300	EXISTING RECEPTACLES [111E]	DA	SPARE  ST. RECEPTACLES - ENERGY CONTROL (111E  SPARE  CIRCUIT STUDY  Remarks  LES & LOUVRES (106 & ROOF)  GRECETACLES (112)  COMPLETE MACHINE (VENDING)  ACILE - GAS METER (EXTERIOR)  SPARE  SPARE  SPARE  SPARE  SPARE  SPARE  SPACE  S	
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-A TOTAL LOAD (kVA) PANEL DESIGN PANEL LOC FEE GROU  Remarks  EXISTING COMPRESSOR NO. 1  EXISTING CARTWASH  SPACE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS)	1110	EXISTING CART DUMP NO. 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  SPACE  LIGHTING LOAD (VOLT-AMPS)  TOTAL LOAD LOAD (VOLT-AMPS)  TOTAL LOAD (KVA)  PANEL DESIGNATION: PPN-1  PANEL LOCATION: REFER TO  FED FROM: R	17	B300	EXISTING RECEPTACLES (111E)	DA	SPARE  ST. RECEPTACLES - ENERGY CONTROL (111E  SPARE  CIRCUIT STUDY  Remarks  LES & LOUVRES (106 & ROOF)  GRECETACLES (112)  COMPLETE MACHINE (VENDING)  ACILE - GAS METER (EXTERIOR)  SPARE  SPARE  SPARE  SPARE  SPARE  SPARE  SPACE  S	UMENTS
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EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION  LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-A TOTAL LOAD (KVA) TOTAL AMPACITY (AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGN PANEL DESIGN PANEL DESIGN FEED GROU  Remarks  EXISTING COMPRESSOR NO. 1  EXISTING CARTWASH  SPACE  SPACE  LOAD DESCRIPTION  LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) MINIMUM FEEDER SIZING (AMPS) MINIMUM FEEDER SIZING (AMPS) MINIMUM FEEDER SIZING (AMPS)		EXISTING CART DUMP NO, 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO FEEDER SIZE: REFER TO GROUND BUS: STANDARG  Remarks  LIGHT REFER TO FEEDER SIZE: REFER TO  EXISTING STEAM TUNNEL (15A)  EXISTING STEAM TUNNEL (15A)  EXISTING WASHER (13A)  EXISTING WASHER (13A)  EXISTING WASHER (13C)  SPARE  SPACE  LOAD DESCRIPTION SPARE  EXISTING STEAM TUNNEL (15A)  EXISTING STEAM TUNNEL (15A)  EXISTING WASHER (13C)  SPARE  SPACE  CONTINUOUS LOAD (VOLT-AMPS) OLAMOOUN AMOUN CONTINUOUS LOAD (VOLT-AMPS) OLAMOOUN TOTAL LOAD (VOLT-AMPS) OLAMOOUN CONTINUOUS LOAD (VOLT-AMPS) OLAMOOUN TOTAL LOAD (VOLT-AMPS) OLAMOOUN T	17	B300	EXISTING ALARM SYSTEM (111E)   1080   20   EXISTING RECEPTACLES - PLAF (111)   1080   20   EXISTING FREE ALARM CIRCUIT   500   20    SPARE   20   20    EXISTING FIRE ALARM CIRCUIT   500   20    SPARE   20   20   20    EXISTING FIRE ALARM CIRCUIT   500   20    SPARE   20   20    SPARE   20   20	DA	SPARE  ST. RECEPTACLES - ENERGY CONTROL (111E  SPARE  COLUMN SPARE  SPARE  SPARE  SPARE  SPARE  SPARE  SPARE  COLUMN SPARE  SPARE  COLUMN SPARE  SPACE  SPAC	Project Number 515-10-122  Building Number B-145  Office of Construction and Facilities
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGN PANEL LOS GROU  Remarks  EXISTING COMPRESSOR NO. 1  EXISTING CARTWASH  SPACE  SPACE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) MINIMUM FEEDER SIZING (AMPS)	1110	EXISTING CART DUMP NO, 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO FEEDER SIZE: REFER TO GROUND BUS: STANDARG  Remarks  LIGHT REFER TO FEEDER SIZE: REFER TO  EXISTING STEAM TUNNEL (15A)  EXISTING STEAM TUNNEL (15A)  EXISTING WASHER (13A)  EXISTING WASHER (13A)  EXISTING WASHER (13C)  SPARE  SPACE  LOAD DESCRIPTION SPARE  EXISTING STEAM TUNNEL (15A)  EXISTING STEAM TUNNEL (15A)  EXISTING WASHER (13C)  SPARE  SPACE  CONTINUOUS LOAD (VOLT-AMPS) OLAMOOUN AMOUN CONTINUOUS LOAD (VOLT-AMPS) OLAMOOUN TOTAL LOAD (VOLT-AMPS) OLAMOOUN CONTINUOUS LOAD (VOLT-AMPS) OLAMOOUN TOTAL LOAD (VOLT-AMPS) OLAMOOUN T	17	B3300	EXISTING ALARM SYSTEM (111E)   1080   20   20   20   20   20   20   20	DA	SPARE  ST. RECEPTACLES - ENERGY CONTROL (111E SPARE  CIRCUIT STUDY Remarks LES & LOUVRES (106 & ROOF GRECEPTACLES (112) COFFEE MACHINE (VENDING) SEPTACLES AT SINK (VENDING) SPARE SPARE SPACE S	Project Number 515-10-122  Building Number B-145  Drawing Number  Drawing Number  Management
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-A TOTAL LOAD (kVA) TOTAL AMPACITY (AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL LOG PANEL LOG PANEL LOG REMORESSOR NO. 1  EXISTING COMPRESSOR NO. 1  EXISTING CARTWASH  SPACE  SPACE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) NON-	1110	EXISTING CART DUMP NO, 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO FEEDER SIZE: REFER TO GROUND BUS: STANDARG  Remarks  LIGHT REFER TO FEEDER SIZE: REFER TO  EXISTING STEAM TUNNEL (15A)  EXISTING STEAM TUNNEL (15A)  EXISTING WASHER (13A)  EXISTING WASHER (13A)  EXISTING WASHER (13C)  SPARE  SPACE  LOAD DESCRIPTION SPARE  EXISTING STEAM TUNNEL (15A)  EXISTING STEAM TUNNEL (15A)  EXISTING WASHER (13C)  SPARE  SPACE  CONTINUOUS LOAD (VOLT-AMPS) OLAMOOUN AMOUN CONTINUOUS LOAD (VOLT-AMPS) OLAMOOUN TOTAL LOAD (VOLT-AMPS) OLAMOOUN CONTINUOUS LOAD (VOLT-AMPS) OLAMOOUN TOTAL LOAD (VOLT-AMPS) OLAMOOUN T	17	B3300	EXISTING ALARM SYSTEM (111E)   1080   20   20   20   20   20   20   20	DA	SPARE  ST. RECEPTACLES - ENERGY CONTROL (111E)  SPARE  COLLETION  CREPLACEMENT  FOR LC-1)  FOR LC-1)  FOR LC-1)  FOR LC-10  FOR LC-10	Project Number 515-10-122  Building Number B-145  Drawing Number  Management  EP602  Department of
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL LOC FEE FEEC GROU  Remarks  EXISTING COMPRESSOR NO. 1  EXISTING CARTWASH  SPACE  SPACE  SPACE  SPACE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) NON	1110	EXISTING CART DUMP NO, 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO FEEDER SIZE: REFER	17	B300	EXISTING ALARM SYSTEM (111E)   1080   20   20   20   20   20   20   20	DA	SPARE  ST. RECEPTACLES - ENERGY CONTROL (111E  SPARE  COMPANY OF THE NATIONAL ELECTRICAL CODE.  (REPLACEMENT FOR LC-1)  FOR LC-1)  FOR LC-1)  FOR LC-1)  FOR LC-1	Project Number 515-10-122  Building Number B-145  Office of Construction and Facilities Management
EXISTING ELEVATOR NO. 1  EXISTING STORAGE NO. 1  EXISTING PRESS NO. 2  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGF PANEL LOC FEE FEED GROU  Remarks  EXISTING COMPRESSOR NO. 1  EXISTING CARTWASH  SPACE  SPACE  SPACE  SPACE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) 180VA RECEPTACLE LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (V	1110	EXISTING CART DUMP NO, 2	EXISTING DRAW BRIDGE CONVEYORS  EXISTING FOLDING CONVEYORS  EXISTING MAU-5  SPARE  SPACE  LOAD DESCRIPTION LIGHTING LOAD (VOLT-AMPS) NON-CONTINUOUS LOAD (VOLT-AMPS) MINIMUM FEEDER SIZING (AMPS)  PANEL DESIGNATION: PPN-1 PANEL LOCATION: REFER TO FEEDER SIZE: REFER	17	B300	EXISTING ALARM SYSTEM (111E)   1080   20   20   20   20   20   20   20	DA	SPARE  ST. RECEPTACLES - ENERGY CONTROL (111E)  SPARE  COLLETION  CREPLACEMENT  FOR LC-1)  FOR LC-1)  FOR LC-1)  FOR LC-10  FOR LC-10	Project Number 515-10-122  Building Number B-145  Drawing Number  The project Number of Numb



## GENERAL NOTES

- 1. REFER TO SPECIFICATIONS FOR ADDITIONAL ELECTRICAL REQUIREMENTS
- 2. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS AND REFLECTED CEILING PLANS FOR COORDINATION OF ELECTRICAL DEVICES.
- 3. REFER TO CODE COMPLIANCE PLANS FOR FIRE BARRIERS, EGRESS PATHS AND TRAVEL DISTANCES ON SHEET G1002 THOUGH G1006.
- 4. REFER TO PHASING PLANS AND CONSTRUCTION ACCESS PLAN FOR COORDINATION OF ELECTRICAL DEVICES, EQUIPMENT, TEMPORARY PARTITION LOCATIONS, DEMOLITION AND INSTALLATION TIMING OF WORK
- ON SHEET NOS. GC100 AND IN SPECIFICATIONS. 5. REFER TO ARCHITECTURAL SHEETS FOR RATED WALL LOCATIONS, FLOOR SAW CUTTING AND REPAIR INFORMATION.

CONTRACT.

- 6. REFER TO MECHANICAL/ELECTRICAL SCHEDULES AND NOTES ON SHEETS
- ME601 FOR ADDITIONAL INFORMATION.
- 7. THE FOLLOWING SHADING INDICATES:

SHADING INDICATES AREA OF EXISTING DEVICES, EQUIPMENT, AND FEEDERS TO REMAIN UNLESS NOTED OTHERWISE. AREAS FEATURING NO SHADING INDICATE WORK TO BE DEMOLISHED, FURNISHED AND INSTALLED UNDER THIS CONTRACT UNLESS NOTED OTHERWISE. ALL CIRCUITS/HOME RUNS OVERLAPPING WORK

SCOPE AREA IS INCLUDED UNDER THIS

## 8. THE FOLLOWING LINEWEIGHTS INDICATE:

LIGHT SOLID LINES INDICATE EXISTING EQUIPMENT, DEVICES, BRANCH CIRCUITS, AND FEEDERS TO REMAIN AND ARE SHOWN FOR REFERENCE ONLY. EXISTING LOCATIONS AND LAYOUT MAY DIFFER FROM LAYOUT SHOWN. FIELD VERIFY EXACT LOCATIONS AND LAYOUT.

DARK (BOLD) DASHED LINES INDICATE EXISTING EQUIPMENT, DEVICES, BRANCH CIRCUITS, AND FEEDERS TO BE REMOVED OR RELOCATED UNDER THIS CONTRACT. RELOCATED ITEMS WILL BE DESIGNATED WITH AN "(R)" NEXT TO THE EQUIPMENT OR FEEDER.

DARK (BOLD) SOLID LINES INDICATE EQUIPMENT, DEVICES, BRANCH CIRCUITS, AND FEEDERS TO BE FURNISHED AND INSTALLED UNDER THIS

## SHEET NOTES

- PROVIDE BRACING AND INTERRUPTING RATINGS FOR ALL EQUIPMENT BASED ON VALUES SHOWN ON 00-EP-700 THROUGH 00-EP-711 AND CORRESPONDING NOTES.
- MOTOR HP AND SHAFT KW IS CONVERTED TO KVA BASED ON TABLE 430.150 OF THE NEC. HP = SHAFT KW/0.746
- DEVICE SIZE AND OVER-CURRENT PROTECTION LOADS BASED ON 125% OF FULL LOAD PER ARTICLE 210.20 OF THE NEC.
- FUSES (DUAL ELEMENT) FEEDING MOTORS BASED ON 150% OF FULL LOAD AS ALLOWED PER TABLE 430.52 OF THE NEC (175% MAX).
- 5. CIRCUIT BREAKERS (INVERSE TIM E) FEEDING MOTORS BASED ON 200% OF FULL LOAD AS ALLOWED PER TABLE 430.52 OF THE NEC (2505 MAX) AS IS SUGGESTED SIZE. RECOMMENDED SIZE OF CIRCUIT BREAKERS MAY VARY BY PANELBOARD MANUFACTURER.
- MINIMUM FEEDER AMPS CALCULATED FROM 125% OF CONTINUOUS AND LARGEST INDIVIDUAL LOAD (IF NON-CONTINUOUS) PLUS REMAINING NON-CONTINUOUS CONNECTED (C) OR DEMAND (D) LOAD PER ARTICLE 215.2 AND 220.4(A) OF THE NEC.
- 7. ACTUAL CIRCUIT BREAKER FRAME SIZE MAY VARY BY PANELBOARD MANUFACTURER.
- 8. ALL MAIN BREAKERS IN POWER DISTRIBUTION PANELS (PDP) TO BE 100% RATED. ALL SHUNT TRIP CIRCUIT BREAKERS TO HAVE BELL CIRCUIT WHERE REQUIRED

DEVICE/EQUIPMENT LOCATIONS AND QUANTITIES.

10. ELECTRICAL DEVICE/EQUIPMENT QUANTITIES SHOWN IN PANEL SCHEDULES ARE NOT TO BE USED FOR BIDDING PURPOSES. REFER TO ELECTRICAL PLANS FOR

## FULLY SPRINKLERED CONSTRUCTION DOCUMENTS

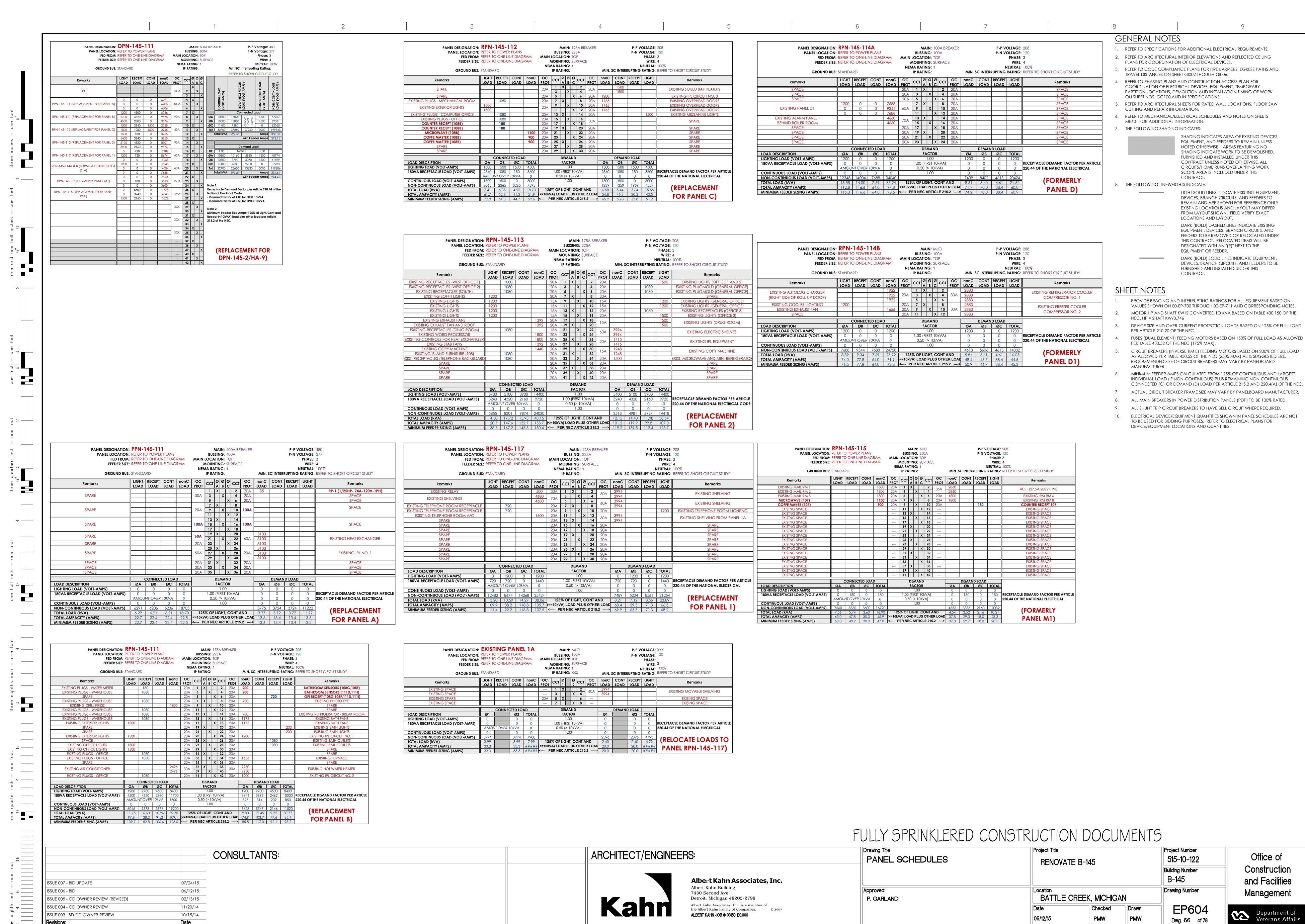
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PANEL SCHEDULES 515-10-122 RENOVATE B-145 Construction Building Number B-145 Drawing Number BATTLE CREEK, MICHIGAN P. GARLAND EP603 **PMW** Dwg. 65 of 78

and Facilities Management Department of Veterans Affairs

Office of



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SHADING INDICATES AREA OF EXISTING DEVICES,

EQUIPMENT, AND FEEDERS TO REMAIN UNLESS

NOTED OTHERWISE. AREAS FEATURING NO SHADING INDICATE WORK TO BE DEMOLISHED,

CONTRACT UNLESS NOTED OTHERWISE. ALL

CIRCUITS/HOME RUNS OVERLAPPING WORK

LIGHT SOLID LINES INDICATE EXISTING EQUIPMENT,

REMAIN AND ARE SHOWN FOR REFERENCE ONLY. EXISTING LOCATIONS AND LAYOUT MAY DIFFER

DEVICES, BRANCH CIRCUITS, AND FEEDERS TO

FROM LAYOUT SHOWN. FIELD VERIFY EXACT

EQUIPMENT, DEVICES, BRANCH CIRCUITS, AND FEEDERS TO BE REMOVED OR RELOCATED UNDER

DARK (BOLD) SOLID LINES INDICATE EQUIPMENT,

DEVICES, BRANCH CIRCUITS, AND FEEDERS TO BE

Office of

Construction

and Facilities

Management

Department of Veterans Affairs

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THIS CONTRACT. RELOCATED ITEMS WILL BE

DESIGNATED WITH AN "(R)" NEXT TO THE

FURNISHED AND INSTALLED UNDER THIS

LOCATIONS AND LAYOUT.

EQUIPMENT OR FEEDER.

FURNISHED AND INSTALLED UNDER THIS

SCOPE AREA IS INCLUDED UNDER THIS

CONTRACT.

